Summit X150 Series Switches Installation Note

This installation note describes how to install and remove the Summit X150 series switches.

This note includes the following sections:

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NOTE

Optional external redundant power supplies are available for use with the Summit X150 series switches. When a redundant power supply is used with a Summit X150 series switch, the power supplies (internal and redundant) are fully fault tolerant and load-sharing. If one power supply fails, the other power supply will provide sufficient power to operate the switch. The Summit X150-24t and X150-48t switches use the EPS-160 for redundant power; the Summit X150-24p switch uses the EPS-500 for redundant power. Refer to the Summit Family Switches Hardware Installation Guide *for further details.*

Safety

Only trained service personnel should perform service to Extreme Networks switches and their components. Trained service personnel have read all related installation manuals, have the technical training and experience necessary to be aware of the hazards to which they are exposed in performing a task, and are aware of measures to minimize the danger to themselves or other persons.

Before installing a Summit X150 series switch into your network:

- Read the latest installation and safety information provided in the *Summit Family Switches Hardware Installation Guide.*
- See Appendix A of the *Summit Family Switches Hardware Installation Guide* for additional information regarding regulatory compliance certifications.

The *Summit Family Switches Hardware Installation Guide* can be downloaded from the following location: http://www.extremenetworks.com/services/hardware-userguide.aspx.

NOTE

Die deutsche Version der für dieses Produkt von Extreme Networks relevanten Sicherheitshinweise finden sich im Abschnitt "Sicherheitshinweise" im Summit Family Switches Hardware Installation Guide. Dieses Installationshandbuch steht auf der folgenden Webseite zum Download zur Verfügung: http://www.extremenetworks.com/services/hardware-userguide.aspx.

CAUTION

Make sure that proper ESD controls are in use before maintenance is performed. This includes but is not limited to wrist straps that are grounded to the switch chassis and earth grounds.

Installing a Summit X150 Series Switch

The Summit X150 series switch is designed to be installed in a standard 19-inch equipment rack or placed free-standing on a tabletop. The installation process includes the following tasks:

- Install the switch in a rack or on a table.
- Ground the switch.
- Connect a redundant power supply (if applicable).
- Connect the internal power supply.

Rack-Mounting a Summit X150 Series Switch

To mount the switch in a rack, you will need the following tools, equipment, and resources:

- Mounting brackets (provided)
- Eight screws (provided) to secure the mounting brackets to the switch
- Four rack system mounting screws

  The screw size will vary based on your organization's rack; screws are not provided.
- Screwdriver for securing the switch to the rack

  The screwdriver size will vary based on the requirements of your organization's rack.

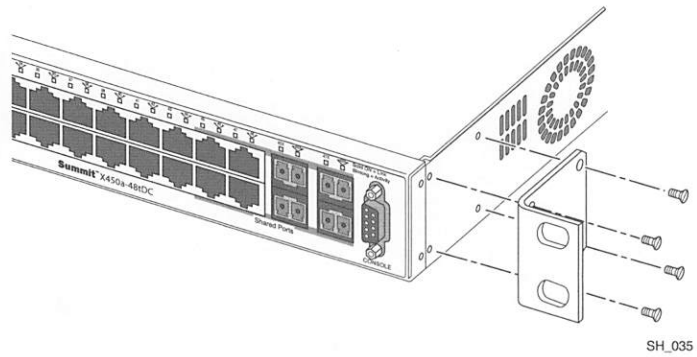
To rack-mount a Summit X150 series switch:

1 Place the switch upright on a secure work surface.

2 Place a mounting bracket over the mounting holes on one side of the unit.

3 Insert the screws and fully tighten (see Figure 1).

Figure 1: Attaching a Mounting Bracket



4 Repeat steps 2 and 3 for the other side of the switch.

5 Insert the switch into the rack.
   - Take care to load the rack so that it is not top-heavy. Start installing equipment at the bottom and work up.
   - Do not cover vents that would restrict airflow. Leave half a rack space between adjacent units for adequate ventilation.
6 Secure the switch to the rack using suitable screws (not provided).

Free-Standing and Desktop Mounting of Multiple Switches

The Summit X150 series switch is supplied with four self-adhesive rubber pads. Apply the pads to the underside of the switch in the marked area at each corner. Make sure that all corners are aligned. You can safely place up to four Summit X150 series switches on top of one another.

Connecting Power

Connect the provided AC power cord to the input connector on the back of the switch. Then connect the cord to an AC power outlet.

You can connect the Summit X150 series switch to an optional external redundant power module to provide backup power for the internal power supply. If you are using the EPS-160 power supply, install and connect it as described in the *EPS-160 Installation Note*. If you are using the EPS-500 power supply, install and connect it as described in the *EPS-500 External Power Supply Installation and Removal Note.*

Removing a Summit X150 Series Switch from a Rack

CAUTION

Make sure that proper ESD controls are in use before maintenance is performed. This includes but is not limited to wrist straps that are grounded to the switch chassis and earth grounds.

To remove the Summit X150 series switch from a rack:

1 Attach an ESD-preventive wrist strap to your wrist and connect the metal end to an appropriate ground point on the rack.
2 Disconnect the switch from the redundant power supply (if applicable).
3 Disconnect the AC power cord from the AC power outlet and from the power connector on the back of the switch.
4 Loosen and remove the rack-mounting screws holding the switch in place.
5 Carefully remove the switch from the rack and place it on a secure surface.